

W A R D L E U R B A N D I S T R I C T C O U N C I L

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and

PUBLIC HEALTH INSPECTOR

for

1 9 6 8



A.N. PICKLES, M.B., CH.B., D.P.H.,
Medical Officer of Health.

J. BARKER, M.R.S.H., M.A.P.H.I.,
Public Health Inspector.

1. The first part of the paper is devoted to a general discussion of the problem.

2. The second part is devoted to a detailed analysis of the case of a single particle.

3. The third part is devoted to a detailed analysis of the case of a system of particles.

4. The fourth part is devoted to a detailed analysis of the case of a system of particles.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1968.

To the Chairman and Members of the
Wardle Urban District Council.

Gentlemen,

I have the honour to submit to you my Annual Report on the health and mortality of your district for the year 1968.

Population

The estimated population (as supplied by the County Council) of the district is 5,000 as compared with 4,700 for last year.

Area

The district extends over an area of 3,193 acres, at heights from 500 feet to 1,500 feet above sea level; parts of the area are quite rural in character.

Industries

The principle industries are weaving, bleaching and dying of man-made and natural materials, also there are leather processing and wall paper printing factories. Sheep farming is carried out to a large extent by the moorland farmers.

Vital Statistics.

Deaths The number of deaths in 1968 was 67, 25 males, 42 females, which is equivalent to 13.4 per 1,000 of estimated population.

Births The number of births was 88, 45 males, 43 females, which is equivalent to a birth rate of 16.

There was 1 still birth, giving a rate per 1,000 total births of 11.3

Further particulars are in the tables within the report.

Infant Deaths There have been no deaths under 1 year,

Deaths

Tuberculosis - 1

Cancer - 18

Maternal Mortality - Nil

Infectious Diseases

	<u>1968</u>	<u>1937</u>
Tuberculosis	-	
Scarlet Fever	-	4
Diphtheria	-	6
Erysipelas	-	10
Ophthalmia Neonatorum	-	
Para Typhoid Fever	-	
Acute Poliomyelitis	-	
Purperal Pyrexia	-	5
Acute Pneumonia	-	
Acute Encephalitis	-	
Meningococcal Infection	-	
Smallpox	-	
Measles	-	
Whooping Cough	-	
Food poisoning	-	
Dysentery	-	

By way of interest I have listed figures of infectious diseases reported in 1937.

The body of the report contains details of work of the department during the year and the report of the Public Health Inspector sets out details of sanitary circumstances of the district.

I wish to thank the staff of the department for the work carried out during the year.

I am, Gentlemen,
Yours obediently,

A.N. PICKLES,
Medical Officer of Health.

VITAL STATISTICS

<u>Live Births</u>		<u>Total</u>	<u>Male</u>	<u>Female</u>	
	Legitimate	81	41	40	Birth rate per 1,000 estimated population.
	Illegitimate	<u>6</u>	<u>3</u>	<u>3</u>	
		87	44	43	
<u>Still Births</u>	Legitimate	1	1	-	Rate per 1,000 total live and still births = 11.3
	Illegitimate	-	-	-	
	Total births	<u>88</u>	<u>45</u>	<u>43</u>	
<u>Deaths</u>		<u>111</u>	<u>47</u>	<u>64</u>	Death rate per 1,000 estimated population = 13.4
<u>Infant mortality</u>					
	Legitimate	4	3	1	
	Illegitimate	<u>-</u>	<u>-</u>	<u>-</u>	
		<u>4</u>	<u>3</u>	<u>1</u>	

Infant mortality rates.

Death rate of infants under one year of age per 1,000 live births	46
Legitimate infant deaths per 1,000 legitimate live births	46
Illegitimate infant deaths per 1,000 illegitimate live births	Nil

Neo-natal Mortality.

Deaths of infants under 4 weeks of age	4
Rate per 1,000 live births	46

Early Neo-natal Mortality.

Deaths of infants under 1 week of age	1
Rate per 1,000 live births	11.36

Perinatal Mortality Rate

Mortality rate (still births and deaths under one week combined per 1,000 total live and still births)	45
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MATERNAL MORTALITY

Deaths from child birth and abortion - Nil

Per 1,000 population.				Maternal Mortality Rate	Rate of deaths under one year per 1,000 live births.
Live birth rate.		Crude death rate.	Death rate from Tuberculosis of respiratory system.	Death rate from Cancer.	Per 1,000 total (live or still) births.
1966	21.5	14.3	-	30	Nil
1967	17.4	22.2	9.1	36.8	46
Increase or decrease	4.1	+ 7.9	+ 9.1	+ 6.8	+ 46

Adjusted live birth rate (comparability factor) per 1,000 1.06
Adjusted death rate () per 1,000 0.61

Cause of death	Sex	Total all ages	under 4 weeks	4 weeks and under 1 year.	1-
Tuberculosis of respiratory system	M	1	-	-	-
	F	-	-	-	-
Malignant Neoplasm - stomach	M	1	-	-	-
	F	1	-	-	-
Malignant Neoplasm - lung, bronchus	M	3	-	-	-
	F	-	-	-	-
Malignant Neoplasm - Breast	M	-	-	-	-
	F	2	-	-	-
Malignant Neoplasm - Uterus	F	1	-	-	-
Leukaemia	M	-	-	-	-
	F	1	-	-	-
Other malignant Neoplasms, etc.	M	5	-	-	-
	F	3	-	-	-
Anaemias	M	-	-	-	-
	F	1	-	-	-
Other diseases of nervous system	M	-	-	-	-
	F	1	-	-	-
Chronic Rheumatic Heart Disease	M	-	-	-	-
	F	1	-	-	-
Hypertensive Disease	M	-	-	-	-
	F	2	-	-	-
Ischaemic Heart Disease	M	19	-	-	-
	F	18	-	-	-
Other forms of Heart Disease	M	3	-	-	-
	F	3	-	-	-
Cerebrovascular Disease	M	4	-	-	-
	F	15	-	-	-
Other Diseases of Circulatory system	M	2	-	-	-
	F	2	-	-	-
Influenza	M	-	-	-	-
	F	1	-	-	-
Pneumonia	M	2	1	-	-
	F	4	-	-	-
Bronchitis and Emphysema	M	1	-	-	-
	F	1	-	-	-
Peptic Ulcer	M	1	-	-	-
	F	-	-	-	-
Cirrhosis of liver	M	-	-	-	-
	F	1	-	-	-
Nephritis and Nephrosis	M	1	-	-	-
	F	-	-	-	-
Congenital Anomalies	M	-	-	-	-
	F	1	-	-	-
Birth Injury, Difficult Labour etc.	M	2	2	-	-
	F	1	1	-	-
Motor Vehicle Accidents	M	2	-	-	-
	F	1	-	-	-
All other accidents	M	-	-	-	-
	F	3	-	-	-
Total all causes	M	47	3	-	-
	F	64	1	-	-

PUBLIC HEALTH INSPECTOR'S REPORT FOR THE YEAR 1968.

To the Medical Officer of Health of the
Wardle Urban District.

Sir,

I have the pleasure of submitting my annual report in accordance with Article 25 of the Public Health Officers Regulations, 1959.

Housing.

There were no houses built by the Council during the year but 24 slum clearance houses were vacated with the reletting of existing Council owned houses, some tenants finding their own accommodation.

There were 2 clearance areas confirmed during the year, including 10 houses.

Refuse Collection.

The Council introduced a municipal refuse bin scheme in April and this has proved most satisfactory.

A regular weekly refuse collection service was maintained with the one vehicle, 3 loaders and the driver. Casual labour being employed to cover holiday periods, etc.

Trade Waste.

The charge imposed was £1 per bin or bin equivalent for the number in excess of one bin.

Lorry loads of trade waste is charged for at the discretion of the Clerk of the Council and myself, normally the amount being £1 per load.

Tipping.

Dyehouse Lane tip was put to use for the controlled tipping of house refuse. This has presented several problems, the most difficult one being persons setting fire to the tip.

Water Supply.

The district is supplied with mains water by the West Pennine Water Board from Warland and Watergrove reservoirs. The water is treated by mechanical pressure filtration and Ph₂ connection prior to gas chlorination. There are only 17 properties now served by private supplies.

Sewerage

There have been two sewage units installed during the year and this has reduced the number of pail closets in use by 6.

One length of sewer (Union Road) was found to be defective and required to be renewed: the Engineer and Surveyor now has the work in hand.

The number of pail closets being emptied at present are 14, but these should be reduced quite soon with works already in progress by way of demolition or sewage units or sewer connections.

Meat Inspection.

Slaughtering is carried out at three slaughterhouses in the district - 1 conducted by a wholesaler, 2 conducted by retailers who slaughter principally for their own requirements.

The numbers killed were:-

Slaughterhouses	Cows	Bulls	Bullocks	Heifers	Calves	Sheep	Pigs
Smiths	1149	17	713	471	11	8,972	1,529
Harrisons	151	2	5	3	1	413	1
Cryers	-	-	184	25	-	301	2

By far the greater percentage of meat was for the retail trade as opposed to meats for the manufacturer.

Petroleum Acts 1928/36.

During the year there were 6 licences granted for the storage of petroleum.

In conclusion I would like to thank you for your advice, co-operation and support: also to Councillor Nicholson, Chairman of the Health Committee for his support at all times. Further I am greatly indebted to Mr. P. Robinson, Clerk of the Council, for help and co-operation during the year.

I am,
Yours obediently,

J. BARKER

Public Health Inspector.

NUMBER AND NATURE OF INSPECTIONS ETC. BY THE PUBLIC HEALTH
INSPECTOR.

	<u>No. of inspections</u>
Houses under Public Health Acts	101
Reinspections	153
Vermin and Infestations	9
Water Supply	7
Old Metal Dealers	3
Schools	2
Ashes Accommodation	27
Refuse Disposal	33
Septic Tanks	4
Rodent Control	71
Drainage - Inspected	26
Tested	9
Conveniences	28
Closets - Water	17
Pails	34
Ice-cream Premises	3
Meat Shops	9
Food Preparing Premises	64
General Food Premises	26
Food Inspections	14
Shops Act	21
Factories (with mechanical power)	19
Slaughterhouses - Meat Inspection	585
Offensive Trades	2
Disinfestation	6
Infectious Diseases and Food Poisoning	9
Disinfection	1
Housing - Section 16 and 17	11
Clearance Areas	38
Demolition	9
Overcrowding	2
Petroleum Acts	6
Clean Air Act	14
Smoke Observations	18
Premises visited	2
Poor Water Supplies	11
Water - Bacteriological	3
Chemical	3
Clean Milk - Bacteriological	47
Sewers and Street Gullies	7
Caravan Sites	1
Licensed Premises	7
Slaughterhouses Act, 1958	18
Noise Abatement Act, 1960	2
Offices, Shops & Railway Premises Act	17
	<u>979</u>

Lancashire County Council

Urban District of Wardle.

Summary embodying particulars required to be in the Annual Report of the Medical Officer of Health for the year ended 1968.

1. Statistics and Social Conditions of the area.

Area in acres 3,193. Population 1961 Census 4,611. Registrar General's estimate of home population 5,000. Number of inhabited dwellings at the end of 1968 according to the rate book 2,235. Rateable Value 152,230. Sum represented by a penny rate £594. Social conditions of the area including chief industries: satisfactory. Manufacture of cotton goods and synthetic fibres, paper, dyeing and finishing, leather processing, light engineering and sheep farming.

Vital Statistics.

Particulars of any unusual or excessive mortality during the year which has received or required comment - NONE.

Any causes of sickness or invalidity which has been worth of note - NONE.

Any conditions of occupation or environment which appear to have had a prejudicial effect on health - NONE.

2. General Provision of Health.

Services for the Area

Public Health Officers of the Local Authority.

- | | |
|--|--|
| 1. (i) Medical Officer of Health | Dr. A.N. Pickles. |
| (ii) Qualifications and Special Diplomas | M.B., CH.B., D.P.H. |
| (iii) Is he whole or part time officer of the Local Authority. | Part |
| (iv) Other public appointments held by him | Divisional Medical Officer
Div. 13, Lancs. C.C.
Heywood M.B., Whitworth
U.D.C., Littleborough U.D.C.
Bacup M.B., Wardle U.D.C. |
| (v) Is he in private practice | No. |
| 2. Public Health Inspector - | J. Barker - full time. |
| 3. Other Public Health Officers - | None. |

4. Alterations of local legislation (including by laws) in force during the year - NONE.

Sanitary circumstances

1 Water Supply.

- (i) Statutory water undertaking - West Pennine Water Board.
- (ii) Type of supply - Upland Surface.
- (iii) New sources of public supply - None.
- (iv) Extension of water mains during the year:
 - (a) Existing dwellings - None
 - (b) New dwellings - 3
 - (c) To other developments - None

Private water supplies:

- (v) There are 17 houses served by private supplies, i.e. wells or springs. Estimated number of persons using private supplies - 41.
- (vi) Has the water supply of the area and of its several parts been satisfactory during the year:
 - (a) in quality No.
 - (b) in quantity Yes.

Samples - Public Supply

Bacteriological examination	8
Satisfactory	8
Unsatisfactory	-
Chemical analyses (satisfactory)	1

Samples - Private Supply

Bacteriological Examinations	9
Satisfactory	9
Unsatisfactory	-
Chemical analyses	4
Satisfactory	4

Action taken by local authority in respect of unsatisfactory water supplies:-

(a) Public supplies Brownish discolouration of supplies due to iron and peat matter in suspension. Flushing of mains carried out by the Water Board gave temporary relief but major works are required for a permanent cure.

(b) Private supplies Filters have been installed at one house, these being served by an electric pump to a header tank.

VII. No houses have been built requiring a private water supply.

VIII. There is no liability of plumbo-solvent action.

2. Drainage and Sewage

- i.) Particulars of Sewage disposal. Rochdale County Borough Works - Treatment, precipitation and filtration.
- ii) Particulars of any new works of sewerage and sewage disposal. None.
- iii) No. of houses connected during the year to
- | | |
|--------------------|-------|
| a) sewerage system | 3 |
| b) septic tank | 5 |
| c) Cesspool | None. |

3. Sanitary accommodation at end of 1968.

No. of privy middens	0
No. of closets attached to middens	13
No. of pail closets	18
No. of dry ash pits	0
No. of ashbins and/or bags	2,300
No. of houses on water carriage and system	1,666
No. of fresh water closets	1,658
No. of waste water closets	8

4. Public cleansing.

- (i) Renewal of movable dust bins was a rate borne charge after the 1st of April, 1968.
- (ii) Particulars of refuse collection and disposal:
- (a) House refuse is collected by one vehicle full time, with three loaders and a driver.

(b) Disposal of refuse: Dyehouse Lane Tip.
Nightsoil emptied into sewer at Rochdale
Cleansing Dept.

(c) Cesspool Emptying - As requested by the owners.

Offices, Shops and Railway Premises

	Class of premises				
	Offices	Retail Shops	Whole-sale shops & ware-houses.	Catering establishments & canteens	Fuel stores
No. of registered premises	Nil	9	1	7	Nil
No. of premises inspected during the year	Nil	9	1	7	-
No. of exemptions: S5, S6, S9, S10.	Nil	Nil	Nil	Nil	Nil

Clean Air Act, 1956

(i) Were by-laws under section 24 in operation at end of the year? YES.

(ii) Smoke Control Areas:-

- a) No. of orders to the Ministry during the year NIL
- b) No. of orders confirmed by Ministry during the year NIL
- c) No. of orders in force at end of year NIL
- d) No. of houses and other buildings involved in:
 - a) NIL b) NIL c) NIL

Noise Abatement Act, 1960

No. of complaints investigated 1
Formal action Nil.

Swimming Baths and Pools

There are no swimming baths or pools in the district.

Prevention of damage by pest Act 1949

No. of Rodent Operators

1 part time.

Action relating to rodent control:-

	Type of property	
	Non-agricultural	Agricultural
	Dwelling houses	
a) No. of properties in the district	2,064	25
b) No. of properties inspected	52	-
c) No. of properties found to be infected by:		
Rats major	-	-
" minor	30	1
Mice major	-	-
" minor	21	-
No. of properties treated	51	1

Sewers were treated by contractors with 1,080 baits.

Disinfestation - Action taken during the year

No. of dwellings infested	a) Council dwellings	1
	b) Other dwellings	3.
No. of dwellings disinfested	a) Council dwellings	1
	b) Other dwellings	3.

Disinfestation carried out by the Local Authority? YES.

Schools

There are two schools in the district, both connected to sewer and refuse is removed by local authority. The water supply in each case being mains.

Offensive Trades

The only premises in the category is a fellmongers and no action was required to control its proper management.

Factories

Factories in which section 7 is enforced by local authority:

No. in register - 28. No. inspected - 34. Written notices - 7.

7 notices for insufficient closet accommodation were served and complied with.

Outworkers

None. - 13 -

Rag, Flock and Other Fillings Material Act, 1951.

There are no premises in the district subject to this Act.

The Chief Sanitary requirement of the district - The extension of sewers to outlying properties.

Houses

There were 37 new houses built by private builders during the year.

No. of houses owned by local authority at the end of the year - 595

Inspection of dwellings during the year:-

(a) Housing defects under Public Health Acts	311
(b) No. of formal and informal made	201
(c) No. of dwellings found unfit but capable of being rendered fit	84

Total unfit at the end of the year in respect of which

(a) Demolition, Clearance or Closing Orders made	19
(b) Demolition, Clearance or Closing Orders have not yet been made	44

Houses demolished:

1 house demolished
3 unfit houses closed.

House Purchase and Housing Act 1959 and Housing Act 1961 and 1964:

No. of applications for full standard grant	10
No. of standard grants approved	10

Housing Conditions

Approximate No. of back to backs	114
No. of houses back to earth	4
No. of other houses without through ventilation	18

Caravan Sites and Control of Development Act 1960:-

No. of licensed caravan sites	2
No. of caravans	
No. of caravans permanently occupied	1

Common lodging houses: None

Underground Rooms: None

Canal Boats: None

Approximate housing shortage: 70 dwellings.

Local Authority Housing: Scheme in hand to build 40 houses.

Fitness of houses:-

- (i) No. of houses which have not a satisfactory water supply 16
- (ii) No. of houses which share toilets 93.

Milk Supply

		<u>Positive</u>	<u>Negative</u>
Brucellosis	Ring test	11	41
	Culture test	9	-

Total samples: 52.

Slaughterhouses and Meat Inspection:

Total No. of slaughterhouses : 3					
Hours of slaughter are controlled.					
Carcases inspected:	Cattle excluding cows	Cows	Calves	Sheep & lambs	Pigs
No. killed	1,506	804	7	8,019	1,453
No inspected	1,506	804	7	8,019	1,453
Whole carcases condemned		3	1	4	2
Carcases of which some part was condemned	311	560	-	460	132
Percentage of the number inspected affected with disease other than tuberculosis	20.65	70	14.28	5.78	9.22

Cystercercosis Carcasses submitted for refrigeration 3.

Condemned meats - stained and removed for processing

Food, Hygiene (General) Regulations, 1960.

Type of Premises	(a) No. of Premises	(b) No. of premises fitted to comply with Sec. 16.	(c) No. of premises to which Reg. 19 applies.	(d) No. of premises complying with Reg. 19
(i) Grocers and Provision Dealers	9	7	9	9
(ii) Greengrocery and fish	5	5	5	-
(iii) Fishmongers	-	-	-	-
(iv) Meat Shops	5	5	5	-
(v) Bakers and Confectioners	2	2	2	-
(vi) Fried Fish Shops	2	2	2	-
(vii) Shops selling mainly sugar, confectionary, minerals, ice- cream.	6	6	6	-
(viii) Licenced premises	10	10	10	-
(ix) Others	16	16	16	-

Premises registered under Sec. 16 of the Food and Drugs Act, 1955:

Ice cream	5	Inspections	9
Cooked meats	1	"	3

A.N. PICKLES,
Medical Officer of Health.